

Meghalaya State Pollution Control Board

Forests & Environment Department, Government of Meghalaya

'ARDEN' Lumpyngngad, Shillong - 793014

Website : <http://megspcb.gov.in>



No. MPCB/TB/INV-3/2025/Vol-1/2026-2027/

Dtd. Shillong, the

Aug, 2026.

CIRCULAR

RETROFITTING OF OPERATIONAL DG SETS FOR EMISSION CONTROL IN THE STATE OF MEGHALAYA

Hon'ble National Green Tribunal, in the matter of OA No.681/2018 has directed all the States, in its order dated 06.08.2019, to take measures for controlling urban air pollution. The Diesel Generator (DG) Sets, vehicles, construction dust etc. are major sources of air pollution in urban areas. DG Sets of different gross mechanical power are used, mostly during power failure by Industries, Establishments, Projects, Buildings, Utilities, Airports, Railway Stations, and other places and contribute significantly to the air pollution.

The Ministry of Environment, Forest & Climate Change, Govt. of India has notified emission norms for DG Sets vide notification GSR 371 dated 17th May 2002 (Stage-I), No.GSR-771(E) dated 11.12.2013 and its amendment vide GSR 232(E) dated 31 Mar 2014 (Stage-II). Hon'ble NGT in the above matter directed to further reduce the particulate matter emission from DG set emission without compromising other emission parameters. Further reduction of Particulate Matter can be achieved by installing Retrofit- Emission Control Devices (RECD) in currently operating DG Sets.

The Ministry of Environment, Forest & Climate Change, Government of India, has launched the National Clean Air Programme (NCAP) for the prevention, control, and abatement of air pollution levels in the country at an urban regional level. The Government of India, recognizes major sources of air pollution such as vehicles, diesel generators, construction dust etc. As per National Clean Air Programme (NCAP), Government of India, the Diesel Generators sets as a major sources of air pollution in Indian cities and states.

The NCAP itself provides following action points:

For DG Sets already operational, ensure usage of either of the two options:

- a) use of retrofitted emission control equipment having a minimum specified PM capturing efficiency of at least 70%, type approved by one of the 5 CPCB recognized labs. The list of certified vendors for different capacities can be obtained from CPCB website: <https://cpcb.nic.in/genset-notifications/>; or
- b) shifting to gas-based generators by employing new gas-based generators or retrofitting the existing DG sets for partial gas usage

As per the order of the Hon'ble NGT, the Central Pollution Control Board published a procedure for certification of the RECD dated 01.02.2022 namely "System and procedures for emission compliance testing of RECD for diesel power generating set engines up to gross mechanical power of 800 KW."

Now, therefore, in exercise of powers vested with the Board under Section 17(1) J read with section 31(A) of Air (Prevention and Control of Pollution) Act, 1981 and section 5 of the Environment (Protection) Act 1986, all the operators of DG sets within the jurisdiction of the Meghalaya are hereby directed for controlling the emissions from the DG sets by installing the Retro-fitment of Emission Control Device (RECD) to all the DG sets with a proven efficiency of 70% capture of particulate matter from the Certified agencies as per the CPCB guidelines:

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a) Use of certified RECD from CPCB approved manufacturers with 70% efficiency for capture of Particulate matter for in use DG sets up to 800 KW capacity which are older than five years from date of manufacturing and up to its useful life (i.e., 15 years from the date of manufacturing or 50,000 hours of operation, whichever is earlier, or

b) Shifting to gas-based generators, or

c) Shifting to gensets meeting emission norms as per G.S.R. 804(E) dated 3.11.2022, or

d) Adopt any suitable Air Pollution Control Devices strictly subject to compliance of emission standards, notified vide G.S.R 489(E) dated 09.07 2002 for DG sets of more than 800 KW.

The DG sets of capacity 1000 KVA and above, shall be regulated under the Consent Regime as per the provisions of Air (Prevention and Control of Pollution) Act, 1981.

Failure to comply with the above which action will be initiated actions as per the relevant provision of Air (Prevention and Control of Pollution) Act, 1981 and section 5 of the Environment (Protection) Act 1986, including levying of environmental compensation.

(Dr. G.H CHYRMANG, MFS)

MEMBER SECRETARY

Meghalaya State Pollution Control Board
Shillong

Memo. No. MPCB/TB/INV-3/2025/Vol-1/2026-2027/45-A Dtd. Shillong, the 7th Aug, 2026.

Copy to:

1. The Deputy Commissioner East Khasi Hills District, West Khasi Hills District, South West Khasi Hills District, Eastern West Khasi Hills District, Ri-Bhoi District, West Jaintia Hills District, East Jaintia Hills District, North Garo Hills District, South Garo Hills District, East Garo Hills District, West Garo Hills District & South West Garo Hills District for information.
2. The Director Printing & Stationery, Meghalaya, Shillong with a request to publish this Circular in one issue of the Meghalaya Gazette.
3. The Legal Branch, MSPCB for information and necessary action.
4. Board's Website.

MEMBER SECRETARY